GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

UNSTARRED QUESTION NO:130
ANSWERED ON:16.11.2016
Railway Trackj Management
Tumane Shri Krupal Balaji

Will the Minister of RAILWAYS be pleased to state:

(a) whether there is any proposal to set up railway track management machinery for assessing the impact of movement of heavy goods trains on tracks and ensuring successful repair of tracks;

(b) if so, the details thereof; and

(c) the details of other measures taken for ensuring long life of railway tracks?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS

(SHRI RAJEN GOHAIN)

(a) to (c) There is no proposal to set up railway track management machinery especially for assessing the impact of movement of heavy goods trains on tracks. The Track Management System already implemented on Indian Railways is utilised for monitoring track inspection, maintenance, track machine working and judging track degradation based on inputs from track recording cars and other inspections under prevailing operating conditions. The repair of track is planned based on degradation of track and laid down schedules. Wheel Impact Load Detectors have been installed at limited locations to monitor impact load on track due to rolling stock. Indian Railways have a system of scheduled inspections by Railway officials which, inter alia, includes daily inspection by Keyman, inspection/monitoring at predefined interval by various levels of inspecting officials and measurement/monitoring of track parameters by Track Recording Cars (TRCs) and Oscillation Monitoring Systems (OMS) for ensuring long life of railway tracks.

Improved track structure consisting of Pre-stressed Concrete Sleepers, 60/90kg or higher Ultimate Tesile Strength (UTS) rails, fanshaped layout on Pre-stressed Concrete Sleepers (PSC), Steel Channel Sleepers on girder bridges is being used while carrying out primary track renewals. Further, it has been decided to lay Thick web switches, Weldable Cast Maganese Steel crossings on identified routes.
***